

CLAIM AMENDMENTS

1 1. (Currently amended) An armor comprising:
2 at least one projectile destroying layer having a woven
3 ballistic fabric with yarn cross overs between weft and warp yarns
4 and metal disks resistant to disintegration upon impact with a
5 projectile and traversed by at least one of the weft and warp by
6 the-yarns at the cross overs and orienting said disks so that edges
7 thereof are presented to flanks of a projectile penetrating into
8 the projectile destroying layer and shred the projectile; and
9 at least one layer containing ballistic fibers for
10 trapping projectile fragments behind said projectile destroying
11 layer.

1 2. (Currently Amended) The armor defined in claim 1
2 wherein said woven ballistic fabric is composed of high tensile
3 strength fibers resistant to disintegration upon impact with a
4 projectile and selected from the group which consists of -such as
5 aramid, polyethylene or and poly-p-phenylenebenzo-bis oxazole
6 yarns.

1 3. (Original) The armor defined in claim 2 wherein said
2 yarns have a denier between 19 and 1500 dtex.

1 4. (Original) The armor defined in claim 3 wherein said
2 ballistic fabric has a yarn density of 5 threads per inch to 100
3 threads per inch.

1 5. (Original) The armor defined in claim 1 which
2 comprises a plurality of said projectile destroying layers and a
3 plurality of said layers for trapping projectile fragments in a
4 ballistic fabric shell forming a body armor.

1 6. (Original) The armor defined in claim 1 wherein said
2 disks are composed of titanium, titanium alloy, or other high
3 tensile strength ductile metal or alloy.

1 7. (Original) The armor defined in claim 6 wherein said
2 disks are circular.

1 8. (Original) The armor defined in claim 6 wherein said
2 disks have irregular or polygonal contours.

1 9. (Currently Amended) The armor defined in claim 1
2 wherein said ballistic fiber is composed of a high tensile strength
3 fiber such as resistant to disintegration upon impact with a
4 projectile and selected from the group which consists of aramid,
5 polyethylene or poly-p-phenylenebenzo-bis oxazole fiber.

1 10. (Currently Amended) A projectile destroying layer
2 for use in an armor and ~~compressed~~ comprised of a woven ballistic
3 fabric with yarn cross overs between warp and weft yarns and metal
4 disks resistant to disintegration upon impact with a projectile and
5 anchored at at least some of said cross overs and consisting of a
6 metal capable of tearing apart a projectile entering said layer,
7 said disks being traversed by at least one of the warp and weft
8 yarns at said cross overs and orienting said disks so that edges
9 thereof are presented to flanks of a projectile penetrating into
10 the projectile destroying layer and shred the projectile.

1 11. (Original) The projectile destroying layer defined
2 in claim 10 wherein said disks are composed of titanium, titanium
3 alloy, or other high tensile strength ductile metal or alloy.

1 12. (Currently Amended) The projectile destroying layer
2 defined in claim 11 wherein said fabric is composed of at least one
3 yarn spun from a high tensile strength fiber ~~such as~~ resistant to
4 disintegration upon impact with a projectile and selected from the
5 group which consists of aramid, polyethylene or poly-p-phenylene
6 benzo-bis-oxazole fiber.

1 13. (Original) The projectile destroying layer defined
2 in claim 12 wherein said disks are provided in a density of 10 to
3 500 per square inch.

1 14. (Original) The projectile destroying layer defined
2 in claim 13 wherein said fabric has a thread density for the warp
3 and weft of 5 to 100 threads per inch.

1 15. (Original) The projectile destroying layer defined
2 in claim 14 wherein said yarn has a diameter of 10 to 1500 dtex.

1 16. (Original) A projectile destroying structure for an
2 armor consisting of a plurality of layers as defined in claim 10.

1 17. (Original) The structure defined in claim 16 which
2 comprises 2 to 155 layers.

1 18. (Original) In an armor, at least one
2 projectile-damaging layer comprised of fabric having beads with
3 edges positioned to engage flanks of an oncoming projectile and to
4 shred the projectile while said fabric captures fragments of the
5 shredded projectile.

1 19. (Currently Amended) The layer defined in claim 18
2 wherein said beads are disks.